

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 8, lines 3 and 4 with the following paragraph:

The magnetic nanoclusters are mingled in flight with a coating material thereby resulting in deposition on a substrate as coated nanoclusters. The coating material will typically be a metal or metallic material, but may be any material [[be]] compatible with high vacuum deposition techniques commonly used in writer fabrication. In thin films where a high magnetic moment is desired, it is preferable to maximize the volume of the magnetic material within the total volume of the thin film layer. This is achieved by depositing the nanoclusters in a manner to maximize the ratio of nanoclusters to coating material, thereby achieving a high volume fraction nanocluster thin film.

Please amend the Abstract as follows:

ABSTRACT

The present invention includes magnetic write elements with portions formed a nanophase high magnetic moment material to enable further increases in areal density in magnetic recording. The nanophase deposited high magnetic moment material comprises coated nanoclusters and nanolaminated cluster films that are deposited to form nanophase high magnetic moment material portions of a write pole and SUL layer in perpendicular recording media. The nanophase write poles exhibit high magnetic moments and are generally compatible with conventional writer head fabrication techniques.

G:\DRF\PATFILE\169\12.613\Amendment.wpd